

WHAT IS CLAIMED IS:

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1. An image display apparatus, comprising:
an image signal processing circuit receiving an image signal and processing the image signal for display as an image;
an image display unit receiving the image signal processed by the image signal processing circuit, and displaying the processed image signal as an image on a screen; and
a control circuit varying a characteristic of the image signal in a periodic manner.
 2. The image display apparatus of claim 1, wherein the image is divided into spatial lines and temporal frames, and the control circuit alters said characteristic once per spatial line in each temporal frame.
 3. The image display apparatus of claim 2, wherein the control circuit also alters said characteristic once per said temporal frame in each said spatial line.
 4. The image display apparatus of claim 3, wherein the control circuit comprises a timing circuit receiving a first synchronizing signal indicating said spatial lines and a second synchronizing indicating said temporal frames, and generating a timing signal by dividing a frequency of the first synchronizing signal, toggling the timing signal once per said spatial line and reversing a phase of the timing signal once per said temporal frame, said characteristic being controlled according to the timing signal.
 5. The image display apparatus of claim 1, wherein the control circuit has a variable inductance element, and

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varies said characteristic by passing the image signal through the variable inductance element.

6. The image display apparatus of claim 5, wherein the variable inductance element comprises a coil having a primary winding and a secondary winding, the image signal passing through the primary winding, the control circuit alternately opening and closing the secondary winding.

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7. The image display apparatus of claim 1, wherein said characteristic is an amplitude characteristic, and the control circuit comprises:

a first amplifier circuit amplifying the image signal with a first gain characteristic;

a second amplifier circuit amplifying the image signal with a second gain characteristic differing from the first gain characteristic; and

a timing circuit selecting the first amplifier circuit and the second amplifier circuit alternately.

8. The image display apparatus of claim 7, wherein the second amplifier circuit includes a frequency compensation network causing the second gain characteristic to differ from the first gain characteristic at certain frequencies.

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9. The image display apparatus of claim 1, wherein said characteristic is a timing characteristic, and the control circuit comprises:

a first amplifier circuit amplifying the image signal;

a delay line delaying the image signal;

a second amplifier circuit coupled to the delay line, amplifying the delayed image signal; and

a timing circuit selecting the first amplifier circuit and the second amplifier circuit alternately.

10. The image display apparatus of claim 1, further comprising a control unit that determines a resolution of the image signal and activates the control circuit, depending on the resolution.

11. The image display apparatus of claim 1, further comprising an external control for activating the control circuit if the displayed image includes a moire pattern.

12. A method of processing an image signal for display as an image by an image display unit, comprising the step of: periodically varying a characteristic of the image signal.

13. The method of claim 12, wherein the image is divided into spatial lines and temporal frames, and said step of periodically varying alters said characteristic once per spatial line in each temporal frame.

14. The method of claim 13, wherein said step of periodically varying also alters said characteristic once per said temporal frame in each said spatial line.

15. The method of claim 12, wherein said step of periodically varying further comprises the step of passing the image signal through a variable inductance element.

16. The method of claim 12, wherein said step of periodically varying further comprises the steps of:
amplifying the image signal with a first gain characteristic to generate a first amplified signal;
amplifying the image signal with a second gain characteristic, differing from the first gain characteristic,

to generate a second amplified signal; and
selecting the first amplified signal and the second
amplified signal alternately.

17. The method of claim 12, wherein said step of
periodically varying further comprises the step of
periodically delaying the image signal.

18. The method of claim 12, further comprising the step of
determining a resolution of the image signal, said step of
periodically varying being performed depending on the
resolution.

19. The method of claim 12, wherein said step of
periodically varying is performed if the displayed image
includes a moire pattern.

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